



# 1064nm High Power Bandpass Filter

## FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

## APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks



## SPECIFICATIONS

Parameters	Unit	Value	
Center Wavelength	nm	1064	
Min. Pass Band Width @ 0.5dB	nm	2.0	8.0
Insertion Loss over Pass Band Wavelength	dB	≤1.0	
Stop Band @ 25dB	nm	1000~1058&1070~1100	1000~1053&1075~1100
Configuration	D Type	-	2-port
	Y Type	-	3-port, (Blocked Wavelength Guide Out)
Fiber Type at 3 <sup>rd</sup> Port (Only for Y Type)	-	HI1060 Fiber, 105/125um MM Fiber or 10/125um Fiber	
Optical Return Loss	dB	≥50	
Polarization Dependent Loss	dB	≤0.1	
Fiber Type	-	HI1060 Fiber or 10/125um Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	1, 2, 5, 10 or customer specify	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(Φ)5.5x35	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower.
  3. Suggest to use Y type if blocked optical power is >1W.
  4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  5. Devices for higher optical power or with other type fiber or consigned fiber (For example: 6/125um, 20/125um or 25/250um, etc.) are also available; Devices can only work in the core of Double Cladding (DC) Fiber.

## ORDERING INFORMATION

<b>FFWM-</b>	<b>NNNN</b>	<b>- NN</b>	<b>- (C)</b>	<b>HP</b>	<b>NN</b>	<b>- (C)</b>	<b>C</b>	<b>NN</b>	<b>- CC/CC</b>
<b>Center Wavelength</b>	<b>Bandwidth</b>	<b>3rd Port Fiber</b>	<b>Optical Power</b>	<b>Fiber Type</b>	<b>Fiber Sleeve</b>	<b>Fiber Length</b>	<b>Connector Type</b>		
1064= 1064nm	20= 2nm	Y= 105/125um Fiber	1= 1W	E=10/125 Fiber	B= Bare Fiber	10=1.0m	N	=Without Connector	
	80= 8nm	H=HI1060 Fiber	2= 2W	O=10/125DC Fiber	L= Loose Tube	15=1.5m	FC/APC=FC/APC Connector		
		E=10/125 Fiber	10=10W	Blank for HI1060 Fiber		20=2.0m	LC/PC	=LC/PC Connector	
		O=10/125DC Fiber							
		Blank for D Type							